



# State of Utah

## Department of Natural Resources

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas & Mining

JOHN R. BAZA  
Division Director

JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

#### Representatives Present During the Inspection:

Company	Guy Davis	Environmental Scientist
OGM	Pete Hess	Environmental Scientist III

## Inspection Report

Permit Number:	C0150009
Inspection Type:	COMPLETE
Inspection Date:	Monday, November 26, 2007
Start Date/Time:	11/26/2007 9:52:00 AM
End Date/Time:	11/26/2007 12:25:00 PM
Last Inspection:	Thursday, August 16, 2007

Inspector: Pete Hess, Environmental Scientist III

Weather: Clear, crisp; 30's to 40's F.

InspectionID Report Number: 1471

Accepted by: dhaddock

12/5/2007

Permittee: **PACIFICORP**

Operator: **ENERGY WEST MINING CO**

Site: **TRAIL MOUNTAIN MINE**

Address: **PO BOX 310, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

#### Current Acreages

3,539.00	<b>Total Permitted</b>
10.69	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- ☒ Federal  
☒ State  
☐ County  
☒ Fee  
☐ Other

#### Types of Operations

- ☒ Underground  
☐ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The Permittee is current relative to the required quarterly electronic submittal of surface and ground water monitoring information. Third quarter 2007 water data is currently being entered into the Division data base pipeline. The permittee continues to meet the Special Permit Condition included as Attachment "A" of the current State permit. This site remains in temporary cessation status.

There are no pending compliance actions for the Trail Mountain Mine permit area.

Inspector's Signature: \_\_\_\_\_

*Pete Hess*

Date Monday, November 26, 2007

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801  
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • [www.ogm.utah.gov](http://www.ogm.utah.gov)

**REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### **4.a Hydrologic Balance: Diversions**

The Permittee has redefined the temporary diversion berms which have been installed across the pad area down gradient of the fuel storage area. These berms were implemented to reduce the intercepted flow volume which had previously reported across the pad thence into the sediment pond. The berms re-direct the flow volume into the concrete ditch which parallels the disturbed area fence and divide the total volume into smaller quantities which in turn reduces the erosive affect on the slope above the sediment pond. All other diversions were capable of functioning as designed.

#### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The third quarter 2007 impoundment inspection for the Mine site sediment pond was conducted by Messrs. John Christensen and Rick Cullum on September 10, 2007. There were no signs of instability or other structural hazards noted. The pond was reported as having 0.122 acre feet of sediment storage capacity remaining prior to reaching the 60% sediment cleanout elevation. As observed this day, the pond contained a small amount of water, which was frozen. The professional engineer and registered land surveyor certifications were performed for the September 10 inspection on October 31, 2007. There were no compliance issues noted with the pond during todays inspection by the Division.

#### **4.c Hydrologic Balance: Other Sediment Control Measures**

A new silt fence has been installed along the toe of the topsoil pile which is located behind the concrete fan ducting.

#### **4.d Hydrologic Balance: Water Monitoring**

Discharge monitoring reports for the two permitted UPDES outfalls were reviewed for the month of October. Neither 001A nor 002A had flows. The reporting forms were submitted by the Permittee to the appropriate government agencies on November 14, 2007.

#### **4.e Hydrologic Balance: Effluent Limitations**

The Permittee notified the Utah Division of Water Quality on October 4, 2007 that Mr. Earl Snow, Mine Manager of the Deer Creek Mine, would be the person responsible for signing all discharge monitoring reports for all of the outfalls permitted under the various Energy West UPDES permits.

#### **5. Explosives**

The Permittee recently completed a hazardous material inventory for Corporate which included information relative to explosive and detonator storage at the central warehouse. There are no explosives in storage at the Trail Mountain site.

**9. Protection of Fish, Wildlife and Related Environmental Issues**

The chain link fencing which was installed to prevent unauthorized access into the sealed Mine entries remains intact.

**10. Slides and Other Damage**

The shot crete slope adjacent to the ventilation fan motor room remains unchanged.

**20. Air Quality Permit**

There is no activity occurring at this site.

**21. Bonding and Insurance**

The general liability insurance coverage for this site has been renewed and remains in effect until August 28, 2008. Coverage amounts for general liability and each occurrence are listed at \$ 2,000,000 for each category. Coverage for damage from the use of explosives is provided. The cancellation clause meets the requirements of the R645 Coal Mining Rules.